

INFO-HAMS Digest Sun, 19 Nov 89 Volume 89 : Issue 903

ARRL DX 46: 17 NOV 1989
Cross-Field Antennas
looking for catalog of used HF gear
Military Aircraft Callsigns....
Military aircraft callsigns...Eugene Balinski
SuperDF Principle of Operation
VK2SG RTTY DX 11/17/89
XT1FF real ????

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|           Relayed from packet radio via           |
| N8EMR's Ham BBS, 614-457-4227 (1200/2400/19.2 telebit,8N1) |
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Laos. XW8DX and XW8CW, operated by Zoli, HA5PP, and Ferry, HA5MY, are expected to start on November 28 for ten days on the usual cw

and SSB DXpedition frequencies. QSL route for Canada and North, Central and South America is FDXF-NA, P.O. Box 1384, Millbrook, NY 12545. For Japan, QSL via FDXF, P.O. Box 88, F-31570, Bruz, France. For the rest of the world, QSL to BP0 67, Vence, France 06140. A Spratly Island or Parasel Island operation may follow for a week.

Niger. Iris and Lloyd Colvin, signing 5U7QL, will be active until the month's end on SSB and cw. Next stop, in December, will be XT, Burkina Faso. QSL via YASME.

Revilla Gigedo. XE1GQ, the President of FMRE, advises that XE2TCQ, XE2MX and XE2BDG will operate from XF4 from November 18 to December 2. They will operate three stations simultaneously, 160 to 6 meters, SSB, cw and probably satellite.

Asiatic DXpedition. The South Jersey DX Association DXpedition will feature Sabah, East Malaysia, as 9M600 from November 16 to 23, then November 24 to 28 as V8500 in Brunei, then XX9 and VS6 simultaneously from November 28 to December 3. The operators will be Al, K8CW, Ann, KA8TKB, Jim, WB2KXA, and Bob, N200. Normal DX frequencies will be employed.

Bouvet, 3Y, and Sandwich, VP8. A package operation by the North California DX Foundation and the Indianapolis, Indiana DXers, who are now joined by WA4JQS, XE1VIC, W9ARV and KM4KJ, is expected in February 1990. The addition to the Bouvet group of the four operators who were planning the Sandwich operation is a sensible combination of two needed DX countries for early 1990. This operation also follows up the Norwegian Bouvet DXpeditions planned for late December.

Angola. Jorge, LU6ELF/D2 is active from Luanda, Angola, when his duties as a UN Peacekeeping Team officer allow. He can often be found on 21343 or 21355 kHz around 2100 to 2300Z on weekends, or occasionally during the week with his QSL Manager, Carlos, N4THW.

Midway. KD7P/KH4 and NY6M/KH4 will operate from Midway Island from November 23 to 30, including the CQWW CW Contest. Before and after the contest they plan to operate SSB and RTTY.

Tuvalu. ZL1AM0, Ron, reports that he plans to be operational from this South Pacific island for the CQWW CW Contest next weekend.

USSR WARC bands. Soviet amateurs have had access to the 30, 17 and 12 Meter bands since November 4. Second class licensees may operate cw only, and USSR 1st Class operators may work cw and SSB.

Good Luck on Dx de KB8NW/OBS

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Gary W. Sanders (gws@n8emr or ...!osu-cis!n8emr!gws), 72277,1325
N8EMR @ W8CQK (ip addr) 44.70.0.1 [Ohio AMPR address coordinator]
HAM/SWL/SCANNER BBS (1200/2400/PEP) 614-457-4227

Date: 19 Nov 89 19:19:06 GMT
From: kchen@apple.com (Kok Chen)
Subject: Cross-Field Antennas

For those of you who have been trying to get more info on Cross
Field Antennas, there is a 3-page article in the November 1989
issue of "Electronics World & Wireless World," by a C. Bryan Wells.

In the article, the author gives the dimensions and photographs
of an experimental x-field antenna (aerial, sorry :-) and the matching
networks he used. I quote one paragraph:

I cannot claim that the CFA is as efficient as a
full-size wire dipole, although it is only very
slightly down on a 40m twin lead dipole, also up
in the roof space, which I have used as a reference.

But then, the entire antenna is 70cm high and 20cm wide, using coffee
cans (coffee-tins, sorry :-) as the main material source.

On a different matter: how does one directly measure the radiation
resistance (not the antenna impedance, unless it is 100% efficient :-)
of an antenna? Can it be done? Any ideas, anyone?

--

Kok Chen kchen@apple.COM
Apple Computer, Inc.

Date: 19 Nov 89 15:34:30 GMT
From: bigburd.PRC.Unisys.COM!darrel@burdvax.prc.unisys.com (Darrel J. Van Buer)
Subject: looking for catalog of used HF gear

The producers of the ham trader yellow sheet also produce a series of ham
equipment guides organized by year which include pictures, price when new
and a paragraph or so about them. Emphasis is on older gear (I have only
the most recent volume for 1980-82, but other volumes go back as far as 1946).

Contact is Barbara Wixon,
189 Kenilworth Ave, Glen Ellyn, IL 60137

Date: Sun, 19 Nov 89 13:59:03 EST
From: mgb@apg-tecnet.apg.army.mil
Subject: Military Aircraft Callsigns....

> From: ewb@raybed2.UUCP (EUGENE BALINSKI)
>
> In article <8911132339.AA08957@ti.com>, dube@cpdvax.csc.ti.com (DUBE
> TODD) writes:
> > My question is: Why would you be interested in what the call signs are
> or
> > represent?
> >
> > "Knowledge improperly used is worse than ignorance"
> >
> > 73,
> > Dube Todd, N5PDK
>
> Why am I interested ? Because it is one part of the hobby (the hobby
> being
> radio in general) that I enjoy. There are many people who enjoy scanning
> the
> mil aircraft band or the FBI or the CIA or the DEA etc.

* cs.utexas.edu!asuvax!stjhmc!f1.n234.z1.fidonet.org!Jim.Grubs
* @tut.cis.ohio-state.edu (Jim Grubs) replies:
*and the fact you're eavesdropping on things not intended for you is
* irrelevant, right?

Just another persons 2 cents thrown in... Yes Jim it is irrelevant! Most
of the Communications Act of 1934 still applies in this country, thankfully!

I, like you wondered why this gent wanted the information he asked for but
it really didn't concern me. Tactical callsigns are "official use only"
but are not classified per se. "Air Force One" is a callsign, are you
upset that people know about it? :-)

Odds are that if he writes a letter to the military public relations officer
that he suspects belongs to the unit, he will receive an answer and probably
a confirmation.

But the point is, I see nothing wrong with listening in on unencoded
transmissions and trying to figure out what you are listening to. Do you
have a general coverage HF receiver? Have you ever listened to anything
(other than broadcast) in those segments of the bands? Have you ever
copied AP or Reuters news broadcasts on RTTY or SITOR transmissions around

8 MHz? None of these transmissions were "meant for you".

Believe me, if our military doesn't want you to hear what they are saying ... you won't! If they broadcast "in the clear" then they are not worried about what anyone hears... why should you be?

Mark Bitterlich
WA3JPY@WB4UOU
mgb@apg-tecnet.apg.army.mil

Date: 19 Nov 89 02:39:43 GMT
From: attctc!sampson@ames.arc.nasa.gov (Steve Sampson)
Subject: Military aircraft callsigns...Eugene Balinski

Before this gets too far... Military communications in the "clear" are not as sensitive as you all have been so quick to point out. As a matter of fact, if you can put the callsign with the unit, then find the units address, you will get a QSL card confirming your reception. You have to include a lot of information though. Stuff like: "I heard you, send me a card" get thrown out. Stuff that contains a signal report, and quality, etc, get a response. Most of the callsigns referred to were static callsigns - assigned to specific units. They are published, and public domain. You just have to know where to look. Tactical callsigns however are almost never confirmed. As an avid radio listener myself, both SWL and Amateur, I can appreciate someone having a hobby that includes listening to military aviation and fixed base. As an OpSec (Operational Security) tool, reception reports are handy for analysis. As a political statement - I personally feel that first they take your radios, then they take your guns. I would rather they forced secure communication on the Cellular Lobby, than ban radios. The ECPA was forced on Congress by an active PAC and the public didn't seem to care. If you were worried about your election, how would you vote?

Date: 17 Nov 89 14:25:08 GMT
From: abm@MBUNIX.MITRE.ORG (Murphy)
Subject: SuperDF Principle of Operation

John,

are kits of this available ? have you any experience using the superDF for maritime mobile operation. I've been looking for a cheap way to use amateur vhf repeaters for line of position fixes while sailing.

Alex Murphy
WD2T
abm@mbunix.mitre.org

Date: 19 Nov 89 20:08:24 GMT
From: n8emr!gws@tut.cis.ohio-state.edu (Gary Sanders)
Subject: VK2SG RTTY DX 11/17/89

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| Relayed from packet radio via |
| N8EMR's Ham BBS, 614-457-4227 (1200/2400/19.2 telebit,8N1) |
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RTTY DX Notes for Week Ending 17th November 1989.
BID: RTDX1711
Part 1 of 2.

Due to equipment malfunction, we regret that there may be some slight delay in the delivery of these DX notes this week. But with the help of my good friend TG9VT, we will get them to you by whatever means possible. We hope for better things next week.

Our thanks this week go to G3XTL, G0ABI, I5FLN, JA1BLV, OD5NG, OH2LU, TG9VT, VK2EG, W1DA and many others. Thanks chaps for your interest and help.

Bandpass:

Friday:

ZK2RY	21087	at	0557Z	QSL
CU3EM	14086	at	0700Z	
FK8BK	14074	at	1015Z	ARQ
TA1AR	14091	at	1255Z	
ZA1ST/OH2BM	28095	at	1500Z	Note
HK0BKX	28088	at	1529Z	QSLQ
TU20P	14099	at	1730Z	
S92LB	14081	at	2145Z	Note
FP5HL	14086	at	2237Z	
KP2BH	14091	at	2240Z	
PJ2MI	14074	at	2315Z	ARQ

Saturday:

HV3SJ	21084	at	0005Z	
TA4A	14082	at	0010Z	
9K2DZ	14072	at	0040Z	ARQ
6Y5EW	14074	at	0200Z	ARQ
5W1GZ	14074	at	0500Z	ARQ
UA9FOC	14091	at	0513Z	
UI8FM	21095	at	1130Z	

EL3MR	28085	at	1407Z	
FP5HL	28085	at	1626Z	
5H3NL	28093	at	2135Z	Note
TR8CU	21085	at	2120Z	
PW2A	21093	at	2135Z	Note

Sunday:

ZK2RY	21089	at	0325Z	
HH2FX	21094	at	0332Z	
UZ3AYR	14082	at	0357Z	
UA3TN	14085	at	0505Z	
FK8BK	14073	at	0610Z	ARQ
5W1GZ	14074	at	0645Z	
TA3T	14083	at	0710Z	
TU2BB	28093	at	1700Z	
V31AR	14074	at	1715Z	
TR8KXJ	14085	at	1734Z	

Monday:

FM2FA	14085	at	0045Z	
J6LB	14085	at	0228Z	QSL
AL7BB	14092	at	0400Z	
TU2BB	14095	at	2005Z	
BZ1FB	14081	at	2020Z	ARQ
UQ1GWW	14084	at	2035Z	QSL
FM5WE	14088	at	2145Z	
S92LB	14086	at	2152Z	
TK5IU	14089	at	2155Z	
EA9KQ	14086	at	2222Z	

Continued in part 2.

RTTY DX Notes for Week Ending 17th November 1989.

BID: RTDX1811

Part 2 of 2.

Tuesday:

8P6AL	14085	at	0030Z	
UQ1GWW	14082	at	0035Z	
9K2DZ	14074	at	0140Z	ARQ
J6LB	14086	at	0230Z	
FK8BK	14074	at	0610Z	
6W6JX	14085	at	0658Z	
EA8ZO	14085	at	1045Z	
JY9IU	21088	at	1335Z	
9Y4GZ	14085	at	2125Z	
EA9KQ	14088	at	2300Z	

Wednesday:

S0RASD	14086	at	0100Z	QSL
C02BB	14086	at	0235Z	
9K2KA	14073	at	1140Z	QSL
VK9NS	21084	at	1145Z	
GU0/KD7TT	14077	at	2137Z	QSL/Note

Thursday:

UC1AWW	14083	at	0045Z
S0RASD	14083	at	0225Z
6W6JX	14083	at	0645Z

QSL Information:

HK0BKX says to QSL via the callbook address, which in my old book says WB9NUL.

TU2BB will QSL via N2HOS.

UQ1GWW reports that his QSL address is Box 618, Riga 226001 USSR.

A9KQ QSL address is Box 21, Melilla, Spain.

EA9JV, when at home, or if he signs S0/EA9JV, will QSL via Box 100, Melilla, Spain.

S0RASD will QSL via EA2JG.

J6LB cards go to Box 1328, Castries, St. Lucia.

9K2KA will QSL via Box 30, Safat, 13001, Kuwait.

GU0/KD7TT appears to QSL via 6 Rue de Douzaine, St Peter Port, Guernsey, U.K.

Notes of Interest:

S92LB appeared for the first time after Walter's operation, with SM0AGD at the keys. Hope that gives Luiz a little incentive for more operation.

PW2A is a special call for Brazil during the contest.

It is expected that GU0/KD7TT will be on Guernsey for about three years. Walvis Bay now has a new prefix of ZS9.

There is some doubt about the call of ZA1ST/OH2BM, as the wrong name was given for the OH2BM station. We are checking to ascertain the validity

of this operation.

It seems that the Bouvet Island operations have all agreed to carry RTTY operations. Now that's nice. The Norwegian group will start around December 23rd for a 25 day stay. They will have antennas first on one side of the mountains, and then for the second half of the operation they will be shifted to the other side, thereby giving everyone a fair signal, we hope. Later the W9 group will also operate RTTY with W9CEP as the RTTY operator, but that will be in February.

Anyone who has not received a QSL card for the VU7JX operation should apply to J. Srinivasan, 340, 5th Main, 2nd Cross, First Block, Koramangala, Bangalore, 360034. India. Strange address, but the mail does get thru.

GL DE DX1 (VK2SG) via TG9VT.

Relayed via packet by Tad, KT7H @ N7HFZ.WA.USA.NA

--

Gary W. Sanders (gws@n8emr or ...!osu-cis!n8emr!gws), 72277,1325
N8EMR @ W8CQK (ip addr) 44.70.0.1 [Ohio AMPR address coordinator]
HAM/SWL/SCANNER BBS (1200/2400/PEP) 614-457-4227

Date: 14 Nov 89 00:52:00 GMT
From: ucs.orst.edu!stillinr@cs.orst.edu (Ron Stillinger - Statistics)
Subject: XT1FF real ????

I was on A0-13 this weekend and worked XT1FF, from Burkina-Faso. My question is, Is this a real call? I now that XT is real, but some people have said that this country has not given out ham tickets for many years. The Callbook only has 20 XT2 calls, no XT1's. Many of us worked him, and he has a QSL manager in France. I have sent my card. Any info would be helpfull.

73's Ron K7HDK

stillinger@stat.orst.edu

End of INFO-HAMS Digest V89 Issue #903
